

REMARKS

Claims 8, 21, 29, 43, 51 and 64 have been amended. Claims 16, 38 and 59 have been canceled. Claims 1-15, 17-37, 39-58 and 60-64 remain pending in the application.

Information Disclosure Statement:

The Office Action states that the information disclosure statement filed February 12, 2002 failed to comply with 37 CFR 1.98(a)(1)(iii). However, the information disclosure statement was accompanied by a complete copy of each of the cited pending U.S. applications. Enclosed herewith is a copy of the return receipt postcard date stamped by the Office showing that the Office did in fact receive copies of each of the pending applications listed in paragraph 3 of the information disclosure statement. Since the information disclosure statement filed February 12, 2002 was in compliance with the appropriate rules and regulations, Applicants assert that the Examiner must consider the pending applications listed in paragraph 3 of the information disclosure statement.

Section 112, Second Paragraph, Rejections:

The Office Action rejected claims 8, 16, 21, 29, 38, 43, 51, 59 and 64 under 35 U.S.C. § 112, second paragraph, as indefinite. Applicants have amended claims 8, 21, 29, 43, 51 and 64 have been amended, while claims 16, 38, and 59 have been canceled. In regard to claims 8, 29 and 51, Applicants' specification describes that the debug object class may be internationalization-enabled to provide for debug output in a plurality of languages (i.e., national or regional human languages such as English, German, French, etc.). Applicants submit that the section 112 rejections have been overcome.

Section 102(e) Rejection:

The Office Action rejected claims 1-7, 9-17, 20-28, 30-39, 42-50, 52-60, 63 and 64 under 35 U.S.C. § 102(e) as being anticipated by Wygodny (U.S. Patent 6,282,701). Applicants respectfully traverse this rejection in light of the following remarks.

The Examiner states that Wygodny teaches a system for thread-safe debugging comprising a thread-safe debug service executable on a client system to provide debug services to debug a multi-threaded application and a thread-safe remote control service executable on the client system to receive control requests from an external source to initiate and manage the debug services of the multi-threaded application.

Applicants' claim 1 states:

A thread-safe debugging system comprising:

a thread-safe debug service which is executable on a client computer system to provide debug services to debug a multi-threaded application which is executable on the client computer system; and

a thread-safe remote control service which is executable on the client computer system to receive control requests from an external source to initiate and manage the debug services on the client computer system after initiation of the multi-threaded application.

Wygodny teaches a bugtrapper agent 104 which is operable to attach to and trace a user application at a remote site. The bugtrapper agent 104 is executed by a remote customer, who in turn may send the generated trace file back to a developer via email. (col. 3, lines 27 – 44)

Accordingly, Applicants traverse the Examiner's characterization of bugtrapper 104 as a remote control service, since bugtrapper agent 104 is run entirely on a remote computer by a remote customer. Applicants can find no language in Wygodny which teaches or suggests a system comprising **"a thread-safe remote control service which**

is executable on the client computer system to receive control requests from an external source to initiate and manage the debug services on the client computer system.” In contrast, Wygodny teaches that the agent is provided to the user as a stand-alone component to be run locally by the user on the same system as the application. (col. 6, lines 21-54). The “agent” in Wygodny is not a remote control service executable on the client computer system that receives control requests from an external source.

For at least these reasons, claim 1, along with its dependent claims 2 – 15, and 17 – 21, are believed to patentably distinguish over the cited reference. Independent claims 22 and 44 recite features similar to claim 1, and are thus also believed to patentably distinguish over the cited reference for at least the reasons given above in regard to claim 1, along with their dependent claims.

Section 103(a) Rejection:

The Office Action rejected claims 8, 29 and 51 under 35 U.S.C. § 103(a) as being unpatentable over Wygodny. Claims 18, 19, 40, 41, 61 and 62 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of Wygodny and further in view of Kaler (U.S. Patent 6,467,052). These claims are patentable over Wygodny and Kaler for at least the reasons given above in regard to their respective independent claims.

CONCLUSION

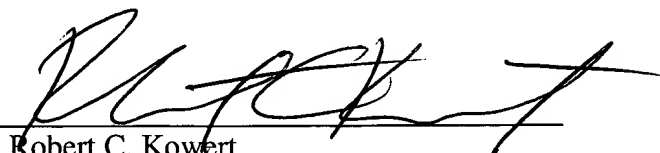
Applicants submit the application is in condition for allowance, and notice to that effect is respectfully requested.

If any extension of time (under 37 C.F.R. § 1.136) is necessary to prevent the above referenced application from becoming abandoned, Applicants hereby petition for such extension. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C. Deposit Account No. 501505/5500-61100/RCK.

Also enclosed herewith are the following items:

- ☒ Return Receipt Postcard
- ☐ Petition for Extension of Time
- ☐ Notice of Change of Address
- ☐ Fee Authorization Form authorizing a deposit account debit in the amount of \$
for fees ().
- ☒ Copy of date-stamped return receipt postcard from IDS of February 12, 2002.

Respectfully submitted,



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